Lange with algorithm
$$\leftrightarrow$$
 Foktar-Planck e_{s}

$$-\frac{\partial}{\partial t}S = -\frac{1}{2}\vec{v}S + \vec{v}(\vec{v}S) \qquad \text{approades } t.$$
at equilibrium.

at equilibrium.

$$\vec{v}S = -\frac{1}{2}\vec{v}S + \vec{v}S = 0 = -\vec{v}S(r)$$

$$\vec{v}S = 2\vec{v}S = 2\vec{v}S = -\vec{v}S(r)$$

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$$\vec{v}S = e^{-2S} = \phi^{2}$$
thus tehn:
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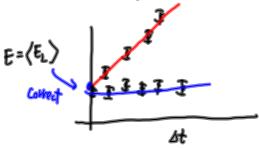
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$$\vec{v}S$$

The first order langevin has evor & st



To elemente this otep-size erro - use generalize Matropolis algorith.

take $T(x',x) \propto e^{-\frac{1}{20t}(x'-x-v(x)de)^2} \Longrightarrow x'=x+v(x)st+vot g_i$ to be the transition prob in the Metropolis algorith.

then computer
$$R = \frac{P_{e}(x')}{P_{e}(x)} \frac{T(x,x')}{T(x',x)} = e^{-\delta S} - \delta S$$

where $S = \frac{\delta t}{P_{e}(x)} \frac{\delta t}{T(x',x)} = e^{-\delta S} - \delta S$

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where $S =$

Your rether best! Basic saving filters!

Simple compand instant:

2 dollar per paid for 2d paids at an instant rate
$$a_1$$
 paid.

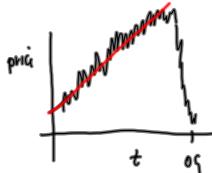
4th | = [(x(1+a)+x)(1+a)+x](1+a) ... N thing |

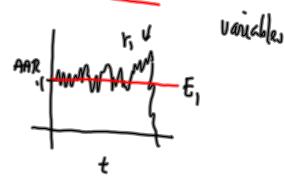
4th | = x(1+a)^N + x(1+a)^{N-1} + ... x(1+a)^{1} |

= x(1+a)^N | 1 + \frac{1}{1+a} + \frac{1}{(1+a)^N} \cdots \frac{1}{2} \cdots \frac{1}{2

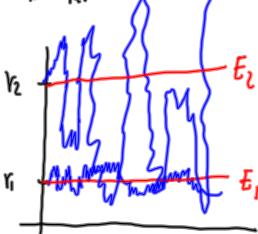
Go to stock-harket







Lay of the stock-market



high returns for

Stadard

dentin

with expertation values E1=<r

$$experior values $E_1 = \langle r_1 \rangle$$$

$$F_{z} = \langle r_{z} \rangle$$

$$G_{1,2} = \int \langle r_{1}^{2} \rangle - \langle r_{1} \rangle^{2}$$

Portfolio
$$\Rightarrow$$
 collection of stocki

2 stocks, Γ_1, Γ_2

allocation $1 = x_1 + x_2 = x_2 = x_3 = x_4 = x_4$